

## First record of *Toleria romanovi* (Leech, 1889) (Lepidoptera, Sesiidae) from Aichi-ken, Honshu

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**Abstract** *Toleria romanovi* (Leech, 1889) is recorded for the first time from Aichi-ken, Honshu, Japan. A male specimen was attracted to a sex pheromone lure Z3, Z13-ODDA/E2, Z13-ODDA=97.9:2.1.

**Key words** *Toleria romanovi*, Sesiidae, first record, Aichi-ken, sex pheromone.

*Toleria romanovi* (Leech, 1889) is a rather rare species utilizing *Vitis vinifera* (Vitaceae) as its hostplant. The early stages and the bionomics have been described by Arita and Hirao (1991). The species has been reported from Hokkaido, Honshu, Shikoku, Kyushu, and from South West China (Xu *et al.*, 1994), but there was no record for Aichi-ken ([Tanaka] *et al.*, 1991).

On the 31st of July 1997 the authors visited different places in Aichi-ken to collect clearwing moths (Sesiidae) with pheromone lures. Due to the cloudy and rainy conditions no specimens were collected in the noon and afternoon time. But in the late afternoon the sun was shining and at a locality on the edge of the River Yahagi-gawa, Toyota-shi, a male specimen of *Toleria romanovi* was collected at about 5:30 p. m. This species has never been reported from Aichi-ken and is also not known to be attracted to artificial pheromones. The male was obviously heavily attracted to a pheromon lure containing mostly Z, ZODDA (Z3, Z13-ODDA/E2, Z13-ODDA=97.9:2.1). Since at that time there was almost no wind, it seems quite possible that the specimen had developed close to the place where we collected it. This is also supported by the fresh condition of the specimen (Fig. 1). The pheromone lures were placed close to a large vine of *Cayratia japonica* (Vitaceae). We suppose this will prove to be a hostplant of *Toleria romanovi*, too.

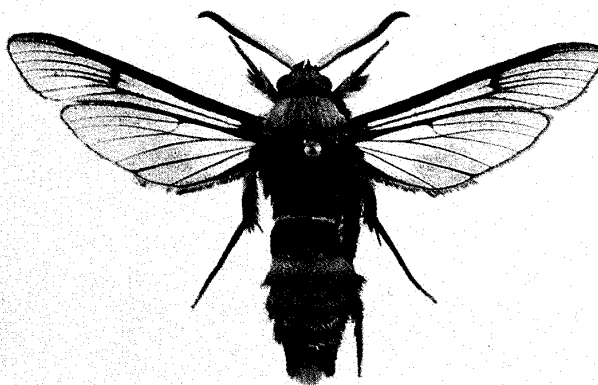


Fig. 1. First recorded male of *Toleria romanovi* (Leech, 1889) from Aichi-ken, Honshu.

1 ♂, Aichi-ken, Toyota-shi, Takahashi (riverside of Yahagi-gawa), July 31, 1997, A. Kallies and K. Fukuzumi leg. The specimen will be deposited in the collection of the senior author.

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## References

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## 摘 要

クビアカスカシバ *Toleria romanovi* (Leech, 1889) の愛知県における初記録 (Axel Kallies・福住和也)

クビアカスカシバは北海道、本州、四国、九州および中国南西部から記録されているが (Xu *et al.*, 1994), 愛知県からは記録がなかった (田中他, 1991). 1997年7月31日, 筆者らは愛知県豊田市高橋の矢作川河川敷にて本種の雄をフェロモントラップで採集することができたので報告する. 本種が誘引されたフェロモントラップは Z3, Z13-ODDA/E2, Z13-ODDA=97.9:2.1 である. 本種はいままでフェロモントラップに誘引された記録がなかった.

上記の雄は, 晴天無風時の午後5時半ごろ上記のフェロモントラップに飛来した. 本種は栽培ブドウを食害することが知られているが, 筆者らは, 本種が河川敷のブドウ科のヤブガラシ *Cayratia japonica* を食餌植物として利用しているのではないかとすることを, 採集時の状況および標本の鮮度から考えている.

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